OPINION 601

AVENAE (*HETERODERA SCHACHTII* VAR.) WOLLENWEBER, 1924; ADDITION TO THE OFFICIAL LIST OF SPECIFIC NAMES (CLASS NEMATODA)

RULING.—(1) It is hereby ruled that neither the name *minor* O. Schmidt, 1930, as published in the combination *Heterodera schachtii* subsp. *minor*, nor the name *major* O. Schmidt, 1930, as published in the combination *Heterodera schachtii* subsp. *major*, is to be used in preference to the name *avenae* Wollenweber, 1924, as published in the combination *Heterodera schachtii* var. *avenae*, by those zoologists who consider that all of these names apply to the same taxon.

(2) The specific name *avenae* Wollenweber, 1924, as published in the combination *Heterodera schachtii* var. *avenae*, and as interpreted by the neotype designated by Franklin, Thorne & Oostenbrinck, 1959, is hereby placed on the Official List of Specific Names in Zoology with the Name No. 1737.

HISTORY OF THE CASE (Z.N.(S.) 375)

The problem was first brought to the attention of the Commission by a query received from Dr. Mary T. Franklin in November 1948, as to the correct name to be used for the cereal-root eelworm. At that time those authors who used the name *avenae* dated it from Mortensen, Rostrup and Kølpin Ravn, 1908, but since the only identification of the species provided in that paper was the citation of the host species, Dr. Franklin was informed by the Secretary of the Commission that the name *avenae* was unavailable from this date. In February 1958, Dr. Franklin again wrote to the Commission explaining that the question had unfortunately been raised again by the discovery of a paper by Wollenweber, 1924, in which the name *avenae* was used, this time accompanied by a table giving comparative sizes of the cysts of various species of *Heterodera*, including *Heterodera schachtii* var. *avenae*. In June 1958, Dr. Gerald Thorne and Dr. M. Oostenbrinck jointly asked the Commission for a ruling on the availability of the specific name *avenae*. After some correspondence these three authors agreed upon the form of a joint application to the Commission. This application was sent to the printer on 14 July 1959 and was published on 15 December 1959 in *Bull. zool. Nomencl.* **17** : 76–85.

Dr. J. J. Duggan objected to the proposals made by Franklin, Thorne and Oostenbrinck on the grounds that the specific name *major* was in much more common use for the species, and that *avenae* was an unsuitable name for an organism which attacked not only oats, but other cereal crops as well. No other comment was received.

DECISION OF THE COMMISSION

On 13 October 1960, the Members of the Commission were asked to vote under the Three-Month Rule on Voting Paper (60)17 either for or against the proposals set out in *Bull. zool. Nomencl.* **17** : 79–80. At the close of the Voting Period on 13 January 1961 the state of the voting was as follows :

Affirmative Votes—nineteen (19), received in the following order : Hering, Riley, Holthuis, Mayr, Prantl, do Amaral, Dymond, Lemche, Vokes, Jaczewski, Obruchev, Key, Alvarado, Stoll, Mertens, Evans, Bonnet, Brinck, Miller.

Negative Votes—four (4) : Uchida, Kühnelt, Tortonese, Poll.

On Leave of Absence—one (1) : Bradley.

Late Affirmative Votes were returned by Commissioners Boschma and Hemming.

Original References

The following is the original reference for a name placed on the Official List by the Ruling given in the present Opinion :

avenae, Heterodera schachtii var., Wollenweber, 1924, *Illustr. Landwirtsch. Z.* **12** : 101

The following is the original reference for the designation of a neotype for the species involved in the present Ruling:

For *Heterodera schachtii* var. *avenae* Wollenweber, 1924 : Franklin, Thorne & Oostenbrinck, 1959, *Bull. zool. Nomencl.* **17** : 79, 85.

CERTIFICATE

We certify that the votes cast on Voting Paper (60)17 were cast as set out above, that the proposal set out in that Voting Paper has been duly adopted, and that the decision so taken, being the decision of the International Commission, is truly recorded in the present Opinion No. 601.

N. D. RILEY
Secretary

W. E. CHINA
Assistant Secretary

International Commission on Zoological Nomenclature
London
24 *January* 1961